

**EXHIBIT A**

**CURRICULUM  
VITAE**

**Curriculum Vitae**  
**Richard Ross Heuser, M.D., F.A.C.C., F.A.C.P.**

**ADDRESS:**

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**EDUCATION:**

1969 - 1972

University of Wisconsin  
Honors in Chemistry  
Phi Beta Kappa  
Evan Helfaer Scholarship in Chemistry

1972 - 1976

University of Wisconsin School of Medicine  
Graduation with Honors - May 1976  
Alpha Omega Alpha  
Evan Helfaer Scholarship in Medicine

**POST GRADUATE TRAINING:**

1976 - 1977

Internship in Medicine  
The Johns Hopkins Hospital  
Baltimore, Maryland

1977 - 1979

Residency in Medicine  
The Johns Hopkins Hospital  
Baltimore, Maryland

1979 - 1981

Fellowship in Cardiology  
The Johns Hopkins Hospital  
Baltimore, Maryland

**LICENSURE:**

State of Arizona, License #19703  
State of New Mexico, License #83-220

**EMPLOYMENT:**

December 2002 - Present

Director of Cardiovascular Research  
St. Joseph's Hospital and Medical Center  
Phoenix, Arizona

April 2001 - Present

Cardiac Cath Lab Director  
St. Luke's Medical Center, Phoenix, Arizona

June 2000 - Present

Medical Director  
Discovery Alliance, Phoenix, Arizona

1998 - June 2000

Director  
Phoenix Research Center, Phoenix, Arizona

April 1997 - Present	Medical Director Phoenix Heart Center, Phoenix, Arizona
December 1999 - Present	Director of Research St. Luke's Medical Center, Phoenix, Arizona
April 1997 - December 1999	Director of Research and Education Phoenix Regional Medical Center, Phoenix, Arizona
April 1990 - April 1997	Director of Research and Education Arizona Heart Institute, Phoenix, Arizona
July 1983 - April 1990	Private Practice New Mexico Heart Clinic, Albuquerque, New Mexico
July 1982 - June 1983	Private Practice Houston Cardiovascular Associates, Houston, Texas
June 1981 - July 1982	Instructor in Medicine, Cardiology The Johns Hopkins Hospital, Baltimore, Maryland

**PROFESSIONAL APPOINTMENTS:**

1981 - July 1982	Instructor in Medicine - Cardiology Division of Cardiology The Johns Hopkins Hospital, Baltimore, Maryland
July 1982 - June 1983	Instructor in Medicine, Cardiology Baylor College of Medicine, Houston, Texas
July 1983 - February 1990	Director, Interventional Cardiology New Mexico Heart Clinic, Albuquerque, New Mexico
April 1984 - June 1986	Clinical Assistant Professor of Medicine University of New Mexico, Albuquerque, New Mexico  Director, Medical Residency Program New Mexico Heart Clinic, Albuquerque, New Mexico
June 1986 - April 1990	Clinical Associate Professor of Medicine University of New Mexico, Albuquerque, New Mexico
May 1996 - April 1997	Director, Interventional Cardiology Arizona Heart Institute Foundation, Phoenix, Arizona
Sept 1995 - December 1999	Medical Director - Cardiac Catheterization Laboratory Phoenix Regional Medical Center, Phoenix, Arizona
December 1990 - Present	Clinical Associate Professor of Medicine University of Louisville, Louisville, Kentucky
April 1990 - April 1997	Director of Research and Education Arizona Heart Institute Foundation, Phoenix, Arizona

April 1997 - December 1999     Director of Research and Education  
Phoenix Regional Medical Center, Phoenix, Arizona

**BOARD MEMBERSHIPS:**

American Board of Internal Medicine  
American Board of Cardiovascular Diseases, Diplomat  
American Board of Interventional Cardiovascular Diseases, Diplomat

**PROFESSIONAL MEMBERSHIPS:**

Fellow, American College of Angiology  
Fellow, American College of Cardiology  
Fellow, American College of Physicians  
Fellow, of the American Heart Association  
Fellow, American Society of Cardiovascular Interventions  
Fellow, International Society of Cardiovascular Interventions  
Fellow, Society for Cardiac Angiography and Interventions  
Member, American Association for the Advancement of Science  
Member, American Heart Association  
Member, American Medical Association  
Member, Houston Cardiology Society  
Member, Houston Society of Internal Medicine  
Member, International Andreas Gruntzig Society  
Member, International Network of Interventional Cardiology  
Member, International Society for Carotid Artery Therapy  
Member, International Society for Minimally Invasive Cardiac Surgery  
Member, New Mexico Medical Society  
Member, Harris County Medical Society  
Member, Texas Medical Association  
Member, National Register's Who's Who in Executives and Professionals  
Member, Who's Who in Medicine and Healthcare 2002-2003

**CLINICAL ADVISORY BOARDS:**

Advanced Cardiovascular Systems  
USCI  
Mansfield Scientific Interventional Board  
Medtronic Interventional Vascular  
Scientific Advisory Board of International Society of Heart Failure

**EDITORIAL BOARDS:**

Catheterization and Cardiovascular Diagnosis  
Journal of Endovascular Surgery  
Cardiovascular Research Foundation/Society of Cardiac Angiography and Interventions  
Abstract Grader TCT

**DATA SAFETY BOARDS:**

-     ICEM Data Safety Monitoring Board

Abbott Laboratories Data Safety Monitoring Board for Drug Coated Stent Program, PREFER, A Perspective STUDY to Evaluate the Safety and Efficacy of the ABT-578 coated BiodivYsio® Stent for the Reduction of Restenosis

### **CONSULTANT TO:**

Editors of the *Annals of Internal Medicine*  
 Editors of *Catheterization and Cardiovascular Diagnosis*  
 Editors of *Circulation*  
 Editors of the *Journal of Invasive Cardiology*  
 Editors of the *American Journal of Cardiology*  
 Editors of *Web M.D.*  
 Annual Scientific Session Program Committee of the American College of Cardiology  
 Annual Scientific Session Program Committee of the American College of Cardiology  
 Abstract Advisor for Angioplasty; Stents  
 Annual International Symposium of Transcatheter Cardiovascular Therapeutics  
 Abstract Grader

### **DEVICE RESEARCH:**

Sub-Investigator	ACS Multi-Link Stent Trial Principal Investigator - ACS RX
Principal Investigator	ACT-One Trial Principal Investigator - Angio-Seal Trial
Principal Investigator	Balloon Expandable Intraluminal Stent for Subtotally Occluded Iliac Arteries
Principal Investigator	Bard® Memotherm Carotid Stent Study
Principal Investigator	BARRICADE Trial - The Barrier Approach to Restenosis: Restrict Intima and Curtail Adverse Events (JOMED JOSTENT)
Principal Investigator	BEST Trial
Principal Investigator	BetaCath System Trial
Principal Investigator	Boehringer Ingelheim Pharmaceuticals Protocol Comparing Micardis and COZAAR
Principal Investigator	CABERNET Clinical Trial - Carotid Artery Revascularization using the Boston Scientific EPI FiltreWire EX™ and the EndoTex™ NexStent™
Principal Investigator	CADILLAC Trial
Principal Investigator	CAPRICORN Trial
Principal Investigator	CAPTIVE - Cardioshield Application Protects During Transluminal Intervention of Vein Grafts by Reducing Emboli
Principal Investigator	CARDIOMETRICS
Principal Investigator	Carotid Wallstent Trial
Principal Investigator	CAVEAT II Trial
Principal Investigator	Clinical Investigation of the Magnum Wire vs. Standard Guide Wires during Total Occlusion Angioplasty
Principal Investigator	Cook GR II Trial
Principal Investigator	CORDIS Nitinol Carotid Stent And Delivery System for the Treatment of Obstructive Carotid Artery Disease
Principal Investigator	Cordis Carotid Randomized Sapphire
Principal Investigator	Cordis Bilateral AAA Device & Delivery System
Principal Investigator	(CATS) Safe-Steer™ Wire System Coronary Artery Total Occlusion Study
Principal Investigator	CREDO Trial
Principal Investigator	Novoste CUP Trial
Principal Investigator	CVD Accucath Infusion Catheter
Principal Investigator	Duett Closure Device
Principal Investigator	EndoSonics Cath scanner Oracle - PTCA Catheter

Principal Investigator EPI FilterWire EX™ System During Transluminal Intervention of Saphenous Vein Grafts

Principal Investigator Extra Stent

Principal Investigator GREAT - Guided Radio Frequency Energy Ablation of Total Occlusions

Principal Investigator Using the Safe Cross™ Radio Frequency Total Occlusion Crossing System

Principal Investigator GRIP - Guided Radio Frequency in Peripheral Total Occlusions using the Safe-Cross™ Radio Frequency (RF) Total Occlusion (TO) Crossing System

Principal Investigator HIPS Trial

Principal Investigator Human Percutaneous Laser Angioplasty of the Coronary Arteries

Principal Investigator Johnson & Johnson Intracoronary Stent Program Supplement #27

Principal Investigator "New" Delivery System

Principal Investigator Kensey Nash Hemostatic Puncture Closure Device

Principal Investigator Mansfield-Boston Scientific Strecker Coronary Stent

Principal Investigator Medtronic AVE S7 with Discrete Technology Coronary Stent System

Principal Investigator Medtronic AVE S7 Coronary Stent Registry

Principal Investigator MOBILE Trial - More Patency with Beta for In-Stent Restenosis in the Lower Extremities Trial IDE #G010295; Protocol D00789 Rev B dated 12/01

Principal Investigator NIR Stent Trial

Principal Investigator Neurex/Elan Pharmaceuticals Trial

Principal Investigator PAMI Stent Trial

Principal Investigator Paragon Stent

Principal Investigator Paris Radiation Trial

Principal Investigator PaS Trial

Principal Investigator Percutaneous Coronary Angioscopy in Unstable Angina

Principal Investigator Percutaneous Recanalization of Stenotic Human Coronary Arteries

Principal Investigator with Balloon Expandable Intracoronary Stents

Principal Investigator Percutaneous Recanalization of Stenotic Human Saphenous Vein Bypass Graft with Balloon Expandable Intraluminal Stents

Principal Investigator Percutaneous Thermal Balloon Angioplasty

Principal Investigator PMR Trial

Principal Investigator Pravastatin or Atorvastatin Evaluation and Infection Therapy (Prove It)

Principal Investigator Presto Trial

Principal Investigator RAVES Trial

Principal Investigator RESCUE Trial

Principal Investigator SAFER - Saphenous Vein Graft Angioplasty Free of Emboli Randomized Study Using the PercuSurge Guard Wire™ System

Principal Investigator SAVED Trial

Principal Investigator Schering-Plough Phase III Study of SCH 58235 in addition to Pravastatin compared to placebo in subjects with primary hypercholesterolemia

Principal Investigator Long-Term, Open-Label, Safety and Tolerability Study of SCH 58235 in Addition to Pravastatin in Patients with Primary Hypercholesterolemia

Principal Investigator Schneider WINS Trial

Principal Investigator SCORES Trial

Principal Investigator Sepracor Study of Norastemizole in Cardiac Compromised Subjects

**Principal Investigator SMART Trial (National PI)**

Principal Investigator SMART: Post-Approval Study

Principal Investigator SNAPIST - A Phase 2, Safety Study of Systemic Nanoparticle Paclitaxel (ABI-007) For In-Stent Restenosis; IND #63,082

Principal Investigator SOAR - Renal Stent

Principal Investigator Efficacy and Safety Study of the Oral Direct Thrombin Inhibitor H 376/95 Compared with Dose-Adjusted Warfarin (Coumadin) in the Prevention of Stroke and Systemic Embolic Events in Patients with Atrial Fibrillation (SPORTIF V)

Principal Investigator STARS Trial

**Principal Investigator START Trial (National PI)**

Principal Investigator STRATUS Trial

Principal Investigator STRESS III Trial

Principal Investigator	SUMO Trial
Principal Investigator	(SWING) Sound Wave Inhibition of Neointimal Growth
Principal Investigator	Talent Endoluminal Graft (High Risk & Low Risk)
Principal Investigator	Talent Endoluminal Spring Stent-Graft System
Principal Investigator	Tenax-XR Coronary Stent System
Principal Investigator	TITAN Trial
Principal Investigator	Trimedyn Excimer Laser Assisted Percutaneous Coronary Angioplasty
Sub-Investigator	Trimedyn Percutaneous Eclipse Holmium Laser Coronary Angioplasty
Principal Investigator	VeGAS 2 Trial
Principal Investigator	Velocity Trial Principal Investigator - Venus Stent
Co-Investigator	WALLSTENT Study
Principal Investigator	WIKTOR Coronary Stent

### **PHARMACOLOGY RESEARCH:**

Principal Investigator	Abbott rUK Trial
Principal Investigator	Ajinimoto Pharmaceuticals Double-Blind Placebo-Controlled Study of AT-1015 in Patients with Intermittent Claudication due to peripheral arterial disease
Sub-Investigator	Amgen, Inc. Anakinra Trial for Rheumatoid Arthritis
Principal Investigator	Astra Zeneca Pharmaceutical Trial to Evaluate the Safety and Efficacy of XXXX and Atorvastatin
Principal Investigator	Astra Zeneca Trial Open Label Dose Comparison Study to Evaluate the Safety and Efficacy of Rosuvastatin versus Atorvastatin, Pravastatin, and Simvastatin in Subjects with Hypercholesterolemia
Principal Investigator	Parke-Davis and Pfizer Randomized Open-Label Study Comparing the Efficacy of Once Daily Atorvastatin to Simvastatin in Hypercholesterolemic Patients
Principal Investigator	Pilot Study to Evaluate Intracoronary Administration of Activase for the Treatment of Intracoronary Thrombus
Principal Investigator	Artistic Trial
Principal Investigator	AstraZeneca Trial of Niaspan versus New Generation Statin for the Treatment of Type IIB and Type IV Hyperlipidemia
Principal Investigator	AstraZeneca Multicenter Trial for drug (XXX) and Atorvastatin for the Treatment of Hypercholesterolemia
Principal Investigator	BRAVO Trial
Principal Investigator	BioVail Angina & Hypertension Trial
Principal Investigator	CAPRICORN Trial
Principal Investigator	Challenge Trial
Sub-Investigator	Comparison of Lopentol and Omnipaque in Adult Angiocardiology
Sub-Investigator	Comparison of Intravenous Adenosine to Intravenous Placebo in Termination of Spontaneous or Induced Paroxysmal Supraventricular Tachycardia
Principal Investigator	Centocor Chimeric 7E3 Fab
Principal Investigator	COR Therapeutics Randomized Placebo-Controlled Dose Ranging Study of drug (XXXX) in Patients with Atherosclerotic Cardiovascular, Peripheral Vascular, and/or Cerebrovascular Disease
Sub-Investigator	Dose Response Study of Bucindolol in Patients with Congestive Heart Failure
Principal Investigator	Effects of Recombinant Human Superoxide Dismutase in Patients with Acute Myocardial Infarction Subject to Coronary Artery Reperfusion
Sub-Investigator	Eli Lilly - Agitation/Alzheimer's Trial
Principal Investigator	EPILOG Trial
Principal Investigator	ERASER Trial
Principal Investigator	GUSTO Trial
Principal Investigator	A multi-center, randomized, double blind, placebo-and-active controlled Parallel Group Dose-ranging Study of the HMG CoA Reductase Inhibitor, BMS-423526, in the treatment of Hyperlipidemia

Principal Investigator Study Lovastatin XL with MEVACOR in patients with hypercholesterolemia  
 Sub-Investigator Lovastatin Multi-Center Trial  
 Principal Investigator Extended Trial of Lovastatin XL for the treatment of hypercholesterolemia  
 Principal Investigator Multicenter Double-Blind Placebo controlled trial of drug (XXXX) in patients with Type 2 Diabetes and Congestive Heart Failure  
 Principal Investigator Effect of LDL-Cholesterol Lowering Beyond Currently Recommended Minimum Targets on coronary heart disease (CHD) Recurrence in patients with Pre-Existing CHD  
 Principal Investigator A Double-Blind, Multi-Center, Randomized, Placebo-Controlled, Parallel Group Dosing Study Evaluating the Effects of Nebivolol on Blood Pressure in Patients with Mild to moderate Hypertension, NEB 302  
 Principal Investigator Parallel Group Extension Study to Determine the Safety and Efficacy of Long-Term Nebivolol Exposure in Patients with Mild to Moderate Hypertension NEB 306,  
 Sub-Investigator NeoTherapeutics Alzheimer's Disease 2000  
 Sub-Investigator NeoTherapeutics Alzheimer's Disease 2001  
 Principal Investigator OCTAVE Trial  
 Sub-Investigator OCTAVE Trial  
 Principal Investigator Pfizer Phase II Multicenter, double-blind placebo controlled randomized parallel group dose ranging study of the safety of CP529,414 soft-gel capsules  
 Principal Investigator PLAC Trial  
 Principal Investigator Protocol 073 Trial  
 Principal Investigator Knoll Pharmaceutical Double-Blind Randomized Clinical Trial of Slow Release Propafenone (Rythmol-SR®) in the Prevention of Symptomatic Recurrences of Atrial Fibrillation  
 Principal Investigator PREVAIL - A Phase 2 Multicenter, Double-Blind Placebo-Controlled, Dose-Ranging Study to Evaluate the Safety and Efficacy of BO-653 in Prevention of Post-Angioplasty Restenosis in Stented Lesions  
 Principal Investigator PROVE-IT TIMI 22 - Pravastatin or Atorvastatin Evaluation and Infection Therapy  
 Principal Investigator PURSUIT Trial  
 Principal Investigator QUIET Trial  
 Principal Investigator RAFT Trial  
 Principal Investigator REPLACE Randomized Evaluation in PCI Linking Angiomax to reduce Clinical Events  
 Sub-Investigator Safety and Efficacy Study of Burroughs - Wellcome Tissue Plasminogen Activator in Patients with Acute Myocardial Infarction  
 Principal Investigator A 6-week, open-label, dose-comparison study to evaluate the safety and Efficacy of Rosuvastatin versus Atorvastatin, Cerivastatin, pravastatin, and Simvastatin in subjects with hypercholesterolemia  
 Principal Investigator A 48-week, open-label, non-comparative, Multicentre, Phase IIIb study to evaluate the efficacy and safety of the Lipid-Regulating agent Rosuvastatin in the treatment of subjects with Fredrickson Type IIa and Type IIb Dyslipidemia, including Heterozygous Familial Hypercholesterolemia  
 Principal Investigator SAGE Trial  
 Sub Investigator Long Term Open Label Safety and Tolerability Study of SCH58235 in addition to Pravastatin in Patient With Primary Hypercholesterolemia  
 Principal Investigator Phase III Double-Blind Efficacy and Safety Study SCH58235 (10 mg) in Addition to Pravastatin Compared to Placebo in Subjects with Primary Hypercholesterolemia  
 Principal Investigator Phase III Open Label Efficacy and Safety Study SCH58235 (10 mg) in Addition to Pravastatin Compared to Placebo in Subjects with Primary Hypercholesterolemia  
 Principal Investigator Sepracor Protocol Study of Norastemizole in Cardiac Compromised Subjects  
 Principal Investigator SPORTIF V - Atrial Fibrillation Trial  
 Principal Investigator SWORD Trial  
 Principal Investigator Titration-to-Response Trial Comparing Micardis and COZAAR® in Patients with Mild-to-moderate Hypertension



Principal Investigator TNT Trial  
 Principal Investigator TREND Trial  
 Sub-Investigator VALDECOXIB Trial  
 Principal Investigator An Open-Label, Multinational, Multicentre, Extension Trial to Assess the  
 Long-Term Safety and Efficacy of ZD4522 in Subjects in the ZD4522 Clinical Trial Program

### **BASIC RESEARCH:**

- 1990 - 1993 Systematic assessment of Medtronic balloons and guiding catheters in porcine and canine models. Sponsored by Medtronic, Inc.
- 1990 - 1993 Determination of radiopacity and torquability of Medtronic vascular catheters in porcine models. Sponsored by Medtronic, Inc.
- 1992 - 1996 Evaluation of Strecker stent in porcine and canine models.  
Sponsored by Boston Scientific
- Evaluation of Wiktor stent and stent in porcine and canine models.  
Sponsored by Medtronic, Inc.
- Evaluation of NIR stent in porcine models.  
Sponsored by Cordis Corp.
- 1990 - 1994 Evaluation of Japan Crescent radiofrequency balloon in porcine model with emphasis on histopathology of heat-produced lesions. Abstract submitted at 1993 AHA Conference.
- 1993 Evaluation of radiofrequency wire for total coronary occlusions in porcine models: Determining energy limitations. Equipment subsequently licensed to Radius Medical.
- 1994 - 1997 Training courses for professionals (physicians, engineers, technicians) in techniques and strategies for placement of coronary stents. Five courses sponsored by Johnson & Johnson, Medtronic, Inc. and Cook, Inc.
- 1997 Efficacy of the Endotex Abdominal Aortic Aneurysm exclusion device in a porcine model gauging ability to exclude renal arteries, ease of placement and radiopacity. Sponsored by Endotex
- 1998 Use of percutaneous myocardial revascularization in a porcine model.  
Sponsored by Cardiogenesis Corporation at Stanford University.
- 1998 - 1999 Utility of radiofrequency (RF) percutaneous myocardial revascularization in acute and chronic porcine model: Histopathology and angiogenesis related to use of RF alone and in combination with growth factor (VEGF). Results presented at Angiogenesis 1999, Washington, DC.
- 1999 Development and testing of embolic probe device in porcine model (patent pending). Performed at PRMC and separately at Columbia Presbyterian in New York.
- 1999 Evaluation of the Medtronic carotid and SVG stent in porcine carotid and saphenous vein graft lesions assessing ease of use and 30-day outcome.  
Sponsored by Medtronic, Inc.
- 1999 Development and testing of Protector vascular embolic protection device in

porcine model at Mayo Clinic (device patent pending).

- 1999 Evaluation of ability of intramuscular growth factor to stimulate angiogenesis in rabbit hindlimb model at 30 and 60 days post-procedure. Sponsored by Sulzer Medical.
- 1999 Use of *Ves seal* device to close porcine peripheral artery tears (patent #6,159,197) Sponsored by Phoenix Heart Center.

### **PUBLICATIONS:**

Bayless TM, **Heuser RR**: Fulminant Colitis. Johns Hopkins Medical Journal 1979 May;144(5):168-172.

**Heuser RR**, Achuff SC, Brinker JA: Inadvertent division of an anomalous left anterior descending coronary artery during complete repair of tetralogy of fallot. American Heart Journal 1982 Mar;103(3):430-432.

Fuchs RM, **Heuser RR**, Yin FC, Brinker JA: Limitations of pulmonary wedge V-waves in diagnosing mitral regurgitation. The American Journal of Cardiology 1982 Mar;49(4):849-854.

Fuchs RM, Brin KP, Brinker JA, Guzman PA, **Heuser RR**, Yin FC: Augmentation of regional coronary blood flow by intraaortic balloon counterpulsation in patients with unstable angina. Circulation 1983 Jul;68(1):117-123.

Alexander EL, Weiss JL, Firestein GS, **Heuser RR**, Leitl G, Wagner Jr HN, Brinker JA, Ciuffo AA, Becker LC: Reversible cold-induced abnormalities in myocardial perfusion and function in systemic sclerosis. Annals of Internal Medical 1986 Nov;105(5):661-668.

**Heuser RR**: Cardiogenic shock treated by PTCA. Cardiology 1987;4(6):64-66.

**Heuser RR**, Maddoux GL, Goss JE, Ramo BW, Raff GL, Shadoff N: Coronary angioplasty for acute mitral regurgitation due to myocardial infarction: A nonsurgical treatment preserving mitral valve integrity. Annals of Internal Medical 1987 Dec;107(6):852-855.

Maddoux GL, Goss JE, Ramo BW, Raff GL, **Heuser RR**, Shadoff N, Wilson JN, Deane WM, Hoyt TW, Fowler BN, Gerety RL, Hoffman AR: Left main coronary artery embolism: A case report. Catheterization and Cardiovascular Diagnosis 1987 Nov-Dec;13(6):394-397.

Maddoux GL, Ramo BW, Goss JE, Raff GL, **Heuser RR**, Shadoff N, Leatherman GF, Blake K, Wilson JN, Deane WM, Hoyt TW, Fowler BN, Gerety RL, Sansonetti E: Angina and vasospasm at rest in a patient with an anomalous left coronary system. Catheterization and Cardiovascular Diagnosis 1989 Feb;16(2):95-98.

Goss JE, Ramo BW, Raff GL, Maddoux GL, **Heuser RR**, Shadoff N, Leatherman GF, Blake K: Power injection of contrast media during percutaneous transluminal coronary artery angioplasty. Catheterization and Cardiovascular Diagnosis 1989 Mar;16(3):195-198.

**Heuser RR**, Mehta SS: Holmium laser angioplasty after failed coronary balloon dilation: Use of a new solid-state, infrared laser system. Catheterization and Cardiovascular Diagnosis 1991 Jul;23(3):187-189.

**Heuser RR, Mehta SS, Strumpf RK, Ponder R:** Intracoronary stent implantation via the brachial approach: A technique to reduce vascular bleeding complications. *Catheterization and Cardiovascular Diagnosis* 1992 Apr;25(4):300-303.

Strumpf RK, Mehta SS, Ponder R, **Heuser RR:** Palmaz-Schatz stent implantation in stenosed saphenous vein grafts: Clinical and angiographic follow-up. *American Heart Journal* 1992 May;123(5):1329-1336.

Segal J, Kern MJ, Scott NA, King SB, Doucette JW, **Heuser RR, Ofili E, Siegel R:** Alterations of phasic coronary artery flow velocity in humans during percutaneous coronary angioplasty. *The Journal of the American College of Cardiology* 1992 Aug;20(2):276-286.

**Heuser RR:** The use of the Holmium: YAG laser in coronary disease: The utility of a unique lensed fiber catheter. *The Journal of Interventional Cardiology* 1992 Dec;5(4):293-300.

**Heuser RR, Eagan JT, Strumpf RK:** Angioscopy in coronary interventions. *Cardiology Intervention* 1992;2(4):23-28.

Santiago O, Diethrich EB, **Heuser RR, Gustafson G:** What is the next step for the application of the Palmaz stent - the abdominal aorta? *Angiology* 1992;42:267-268.

**Heuser RR, Mehta SS, Strumpf RK:** The ACS RX™ flow support catheter as a temporary stent for dissection or occlusion during balloon angioplasty: initial experience. *Catheterization and Cardiovascular Diagnosis* 1992 Sept;27(1):66-74.

Diethrich EB, Santiago O, Gustafson G, **Heuser RR:** Preliminary observations on the use of the Palmaz stent in the distal portion of the abdominal aorta. *American Heart Journal* 1993 Feb;125(2):490-501.

**Heuser RR:** Lasers in coronary disease (commentary). *Catheterization and Cardiovascular Interventions* 1993;28:17.

Eagan JT, Strumpf RK, **Heuser RR:** New treatment approach for chronic total occlusions of saphenous vein grafts: Thrombolysis and intravascular stents. *Catheterization and Cardiovascular Diagnosis* 1993 May;29(1):62-69.

**Heuser RR, Strumpf RK, Diethrich EB, Eagan JT, Hardigan KR:** Intraluminal diagnostics, the "guide" to the future. *Angiology* 1993;44:6.

**Heuser RR, Strumpf RK, Eagan JT, Hardigan KR:** Experience with four types of coronary stents. *Angiology* 1993;44:6-7.

**Heuser RR:** The use of a new wire in a 6-year-old coronary artery occlusion: The Jagwire™ recanalization guidewire. *Catheterization and Cardiovascular Diagnosis* 1993 Jun;29(2):173-176.

**Heuser RR, Strumpf RK, Hardigan K:** Use of the Doppler guidewire for intraluminal diagnosis to facilitate coronary intervention. *American Heart Journal* 1993 July; 126(1):213-218.

Strumpf RK, **Heuser RR, Eagan Jr JT:** Angioscopy: A valuable tool in the deployment and evaluation of intracoronary stents. *American Heart Journal* 1993 Nov;126(5):1204-1210.

**Heuser RR:** Current status of coronary stents: Promises and disappointments. *Critical Issues* 1993;2:1-13.

White CJ, Ramee SR, Collins TJ, Escobar AE, Karsan A, Shaw D, Jain SP, Bass TA, **Heuser RR**, Teirstein PS, Bonan R, Walter PD, Smalling RW: Coronary thrombi increase PTCA risk: Angioscopy as a clinical tool. *Circulation* 1996 Jan;93(2):253-258.

Fischman DL, Leon MB, Baim D, Schatz RA, Penn I, Detre K, Savage MP, Veltri L, Ricci D, Nobuyoshi M, Cleman M, **Heuser RR**, Almond D, Teirstein P, Fish D, Colombo A, Brinker J, Moses J, Hirshfeld J, Bailey S, Ellis S, Rake R, Goldberg S: For the STRESS Trial Investigators: A randomized comparison of coronary stent placement and balloon angioplasty in the treatment of coronary artery disease. *The New England Journal of Medicine* 1994; 331:396-501.

Aker UT, Kensey KR, **Heuser RR**, Sandza JG, Kussmaul III WG: Immediate arterial homostasis after cardiac catheterization: Initial experience with a new puncture closure device. *Catheterization and Cardiovascular Diagnosis* 1994 Mar;31(3):228-232.

Flaherty JT, Pitt B, Gruber JW, Topol E, **Heuser RR**, Rothbaum DA, Burwell LR, George BS, Kereiakes DJ, Deitchman D, Gustafson N, Brinker JA, Becker LC, Mancini CBJ, Weisfeldt ML, Werns SW: Recombinant human superoxide dismutase (h-SOD) fails to improve recovery of ventricular function in patients undergoing coronary angioplasty for acute myocardial infarction. *Circulation* 1994 May;89(5):1982-1991.

Fenton SH, Fischman DL, Savage MP, Schatz RA, Leon MB, Baim DS, King SB, **Heuser RR**, Curry C, Rake RC, Goldberg S: Long-term angiographic and clinical outcome after implantation of balloon-expandable stents in aortocoronary saphenous vein grafts. *The Journal of the American College of Cardiology* 1994; Dec 15;74(12):1187-1191.

**Heuser RR**: Breaking the barrier: Stenting in acute myocardial infarction (commentary). *Catheterization and Cardiovascular and Diagnosis* 1994;33:46.

**Heuser RR**: A wire in every lesion (commentary). *Catheterization and Cardiovascular Interventions* 1994;33:197.

**Heuser RR**: All the glitters in not gold (commentary). *Catheterization and Cardiovascular Interventions* 1994 Dec;33(4):330.

Savage MP, Fischman DL, Schatz RA, Teirstein PS, Leon MB, Baim DS, Ellis SG, Topol EJ, Hirschfeld JW, Cleman MW, Buchbinder M, Bailey S, **Heuser RR**, Walker CM, Curry RC Jr, Gebhardt S, Rake R, Goldberg S: For the Palmaz-Schatz Study Group: Long-term angiographic and clinical outcome after implantation of a balloon-expandable stent in native coronary circulation. *The Journal of the American College of Cardiology* 1994;24:1207-1212.

**Heuser RR**, Diethrich EB, Papazoglou C, Reynolds GT: Endoluminal grafting for percutaneous aneurysm exclusion in an aortocoronary saphenous vein graft: the first clinical experience. *Journal of Endovascular Surgery* 1995 Feb;2(1):81-88.

Diethrich EB, **Heuser RR**, Tarlian H, Eckert J, Cardenas JR,: Endovascular techniques in adult aortic coarctation: the use of stents for native and recurrent coarctation repair. *Journal of Endovascular Surgery* 1995 May;(2)2:183-188.

Aguirre FV, Topol EJ, Ferguson JJ, Anderson K, Blankenship JC, **Heuser RR**, Sigmon K, Taylor M, Gottlieb R, Hanovich G, Rosenberg M, Donohue TJ, Weisman H, Califf RM for the EPIC Investigators: Bleeding complications with the chimeric antibody to platelet glycoprotein IIb/IIIa integrin in patients undergoing percutaneous coronary intervention. *Circulation* 1995; June 15;91(12):2882-2890.

**Heuser RR:** Treatment alternatives for chronically occluded saphenous vein grafts. The Journal of Invasive Cardiology 1995 May;7(4):94-96.

Kussmaul III WG, Buchbinder M, Whitlow PL, Aker UT, **Heuser RR**, King SB, Kent KM, Leon MB, Kolansky DM, Sandza JG: Rapid arterial homeostasis and decreased access site complications after cardiac catheterization and angioplasty: Results of a randomized trial of a novel hemostatic device. The Journal of the American College of Cardiology 1995 June;25(7):1685-1692.

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### **AWARDS & HONORS:**

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